

**REMARKS**

The Official Action mailed May 31, 2005, has been received and its contents carefully noted. This response is filed within three months of the mailing date of the Official Action and therefore is believed to be timely without extension of time. Accordingly, the Applicants respectfully submit that this response is being timely filed.

The Applicants note with appreciation the consideration of the Information Disclosure Statement filed on October 15, 2003, and April 19, 2005.

Claims 1-4 and 19-38 were pending in the present application prior to the above amendment. Claims 1, 3, 23, 27, 31 and 35 have been amended to better recite the features of the present invention, and new claims 39-44 have been added to recite additional protection to which the Applicants are entitled. Claims 20, 22, 26, 30, 34 and 38 have been withdrawn from consideration by the Examiner (page 2, Paper No. 20050526). Accordingly, claims 1-4, 19, 21, 23-25, 27-29, 31-33, 35-37 and 39-44 are currently elected, of which claims 1, 3, 19, 23, 27, 31 and 35 are independent. For the reasons set forth in detail below, all claims are believed to be in condition for allowance. Favorable reconsideration is requested.

The specification has been amended to include a feature recited in the original claims of the parent application (Serial No. 09/667,493, now U.S. Patent No. 6,641,933), as filed September 24, 2000, namely a volume resistivity of  $3 \times 10^{10} \Omega\text{cm}$  or larger.

The Official Action rejects claims 1-4, 19, 21, 23-25 and 27-29 under 35 U.S.C. § 112, second paragraph, asserting that claims 23-25 and 27-29 are substantial duplicates of claims 1-4, 19 and 21. In response, independent claims 23 and 27 have been amended to recite "a glass substrate." Therefore, claims 23-25 and 27-29 are not substantial duplicates of claims 1-4, 19 and 21, and reconsideration and withdrawal of the rejections are requested.

The Official Action rejects claims 1-4, 19, 21, 23-25, 27-29, 31-33 and 35-37 under the doctrine of obviousness-type double patenting over the combination of claims

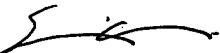
1-9 and 11-19 of U.S. Patent No. 6,641,933 to Yamazaki et al., U.S. Patent No. 6,300,612 to Yu and U.S. Patent No. 6,661,454 to Hwang et al.

In response to this rejection, a *Terminal Disclaimer* is submitted herewith. Upon filing of this *Terminal Disclaimer*, the claims of the present invention are now believed to be in condition for allowance. Reconsideration and withdrawal of the obviousness-type double patenting rejections are requested.

New dependent claims 39-44 have been added to recite additional protection to which the Applicants are entitled. For the reasons stated above and already of record, the Applicants respectfully submit that new claims 39-44 are in condition for allowance.

Should the Examiner believe that anything further would be desirable to place this application in better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,

  
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